



2016-103 – 301 West 90th Street Hydrant Improvement Project
PRELIMINARY REPORT OF ENGINEER

To the City Council
City of Bloomington
Hennepin County, Minnesota

The undersigned engineer, to whom the following proposed improvements were referred, hereby reports that said improvements are necessary, cost-effective and feasible and should best be made as proposed.

The estimated cost of the entire project is approximately:

Construction	\$16,000
Plus 12% Contingency	\$1,900
Plus 22% Project Administration	<u>\$4,000</u>
Total Cost	\$21,900

Said improvements consist of removals, watermain, hydrant installation, and site restoration, all as described in the attached Feasibility Study.

Dated this 22nd day of February 2016.

Shelly A. Pederson
City Engineer
Registration No. 25463

SAP/jd



Preliminary Report / Feasibility Study

301 West 90th Street Hydrant Improvement Project

City Project Number 2016-103

I. Scope of Work

The developer of the site located at 301 West 90th Street proposed work significant enough to require a new fire hydrant to be installed in the right-of-way adjacent to the property. The applicant has petitioned the City to complete this work and assess the cost back to the adjacent property.

The work will consist of making a connection to the existing watermain located under West 90th Street, extending a hydrant lead into the boulevard and installing a hydrant. Since the watermain is underneath the pavement, the area disturbed will need to be patched. Also the area surrounding the hydrant lead and the hydrant will need to be restored with turf.

II. Project Cost Estimate

The estimated project costs are summarized in the table below:

Construction	\$16,000
12% Contingency	\$1,900
22% Design and Project Administration	\$4,000
Total	\$21,900

III. Project Funding and Special Assessments

The project is being funded by 100% special assessment as described in the petition by the current property owner and development applicant. All associated project costs will be assessed per the City of Bloomington's Special Assessment Policy.

IV. Design and Construction Schedule

It is proposed that the work in this report will be completed and assessed in 2016. The work involved in for this project will be bid as part of the 2016-101 PMP Street Reconstruction project. Design of the plans and specifications, as well as supervision of the construction, will be coordinated and performed by the Engineering Division of the Public Works Department.